

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/32886

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B42D 15/00; G09C 1/00; H04L 9/00

US CL : 283/17, 83, 107, 113; 713/176

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 283/17, 83, 107, 113; 713/176

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,141,438 (BLANCHESTER) 31 October 2000, figures 1-3; column 1, line 58-column 6, line 36; column 7, line 45-column 8, line 37	1-72
A	US 6,442,284 B1 (GUSTAFON et al) 27 August 2002, column 1, line 41-column 2, line 9.	1-72
A, P	US 6,470,090 B2 (OAMI et al.) 22 October 2002, column 2, line 22-column 6, line 36.	1-72
A	US 5,838,814 (MOORE) 17 November 1998, Figures 1-31; column 3, line 65-column 6, line 36	1-72
A	US 6,345,104 B1 (RHOADS) 5 February 2002, column 2, line 8 - column 3, line 26.	1-72
A, E	US 6,580,819 B1(RHOADS) 17 June 2003, column 3, lines 16-64	1-72
A,E	US 6,608,911 B2 (LOFGREN et al.) 19 August 2003, column 1, line 65-column 3, line 55	1-72
A,E	US 6,668,068 B2 (HASHIMOTO) 23 December 2003, column 6, lines 21-53	1-72
A, E	US 6,671,387 B1 (CHEN et al) 30 December 2003, column 3, lines 19-55	1-72



Further documents are listed in the continuation of Box C.



See patent family annex.

Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search	Date of mailing of the international search report
24 March 2004 (24.03.2004)	30 MAR 2004
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Ayaz Sheikh Telephone No. 703-305-3900

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, E	US 6,674,886 B2 (DAVIS et al) 6 January 2004, column 1, lines 11-26	1-72

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**Continuation of B. FIELDS SEARCHED Item 3:**  
EAST, IEEE, ACM  
search terms: identification; digital watermarks